

fringes being contiguous make one broad fringe composed of all the Colours in due order, the violet lying on the inside of the fringe next the shadow, the red on the outside furthest from the shadow, and the blue, green and yellow, in the middle. And, in like manner, the middlemost fringes of all the Colours lying in order, and being contiguous, make another broad fringe composed of all the Colours; and the outmost fringes of all the Colours lying in order, and being contiguous, make a third broad fringe composed of all the Colours. These are the three fringes of coloured Light with which the shadows of all Bodies are bordered in the second Observation.

When I made the foregoing Observations, I designed to repeat most of them with more care and exactness, and to make some new ones for determining the manner how the rays of Light are bent in their passage by Bodies for making the fringes of Colours with the dark lines between them. But I was then interrupted, and cannot now think of taking these things into further consideration. And since I have not finished this part of my Design, I shall conclude, with proposing only some Queries in order to a further search to be made by others.

*Query 1.* Do not Bodies act upon Light at a distance, and by their action bend its rays, and is not this action (*ceteris paribus*) strongest at the least distance?

*Qu. 2.* Do not the rays which differ in refrangibility differ also in flexibility, and are they not by their different inflexions separated from one another, so as after separation to make the Colours in the three fringes  
above

above described  
flected to make

*Qu. 3.* Are not the edges and sides of the fringes, and forwards, and do not the three fringes mentioned, arise from

*Qu. 4.* Do not the rays, and are reflected, and are reflected, before they arrive at the Principle, acting

*Qu. 5.* Do not the rays, one another, than the rays, reflecting, upon Bodies for making into a vibrating

*Qu. 6.* Do not the rays, from Light than the rays, that the Light falls upon, but enters the Body, and is refracted within the

*Qu. 7.* Is not there a difference between Light and Bodies, and one reason why they do not readily, and burn, and dies do?

*Qu. 8.* Do not the rays, certain degree, and emission perform the same parts?